AMENDMENTS
In the Specification

Specification at page 19

The present invention provides cooperatively tagged depolymerizing agents and tagged polymers, where a detectable property of at least one of the tags changes when the tags are within a distance sufficient to cause a change in measurable change in the detectable property. If the detectable property is fluorescence induced in one tag by energy transfer to the other tag or due to one tag quenching the fluorescence of the other tag or causing a measurable change in the fluorescence intensity and/or frequency, the measurable change is caused by bringing to two tags into close proximity to each other, *i.e.*, decrease the distance separating the tags. Generally, the distance needed to cause a measurable change in the detectable property is within (less than or equal to) about 100Å, preferably within about 50Å, particularly within about 25Å, especially within about 15Å and most preferably within about 10Å. Of course, one skilled in the art will recognize that a distance sufficient to cause a measurable change in a detectable property of a tag will depend on many parameters including the location of the tag, the nature of the tag, the solvent system, external fields, excitation source intensity and frequency band width, temperature, pressure, *etc.*

Specification at page 20

The present invention provides cooperatively tagged polymerase and tagged monomers, where a detectable property of at least one of the tags changes when the tags are within a distance sufficient or in close proximity to cause a measurable change in the detectable property. If the detectable property is fluorescence induced in one tag by energy transfer to the other tag or due to one tag quenching the fluorescence of the other tag or causing a measurable change in the fluorescence intensity and/or frequency, the measurable change is caused by bringing to two tags into close proximity to each other, *i.e.*, decrease the distance separating the tags. Generally, the distance or close proximity is a distance between about 100Å and about 10Å. Alternatively, the distance is less than or equal to about 100Å, preferably less than or equal to about 50Å, particularly less than or equal to about 25Å, especially less than or equal to about 15Å and most preferably less than or equal to about 10Å. Of course, one skilled in the art will recognize that a distance sufficient to cause a measurable change in a detectable property of a tag will depend on many parameters including the location of the tags, the nature of the tags, the solvent system (polymerizing medium), external fields, excitation source intensity and frequency band width, temperature, pressure, *etc.*